

CONSTRUCTION DIVISION (E/M) U.P. JAL NIGAM, GORAKHPUR

COMPLETION PLAN OF AMARHA (BLOCK-SATHA) W. BANK DISTRICT SANT KABIR NAGAR  
 TYPE OF RIG/M/C R.C.G.C. 87 SIZE OF BORE 150/150 mm  
 STATIC WATER LEVEL NAME OF FIRM P.S. JAL SHRI KRISHAN ENTERPRISES, SANT KABIR NAGAR  
 J.E. Incharge NANDUPRASAD A.E. Incharge BABBAN YADAV

DEPTH B.G.L. METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0.00		SURFACE CLAY	AGL. 0.50 M.	
6.00		SANDY CLAY + KANK.		200 m.m. Dia Housing Pipe to 36.03 m
20.00		KANKAR + CLAY		200/150 m.m. Dia Reducer 36.03 to 36.23 m
40.00		F. SAND		150 m.m. Dia BLIND Pipe 36.23 to 88.54 m
46.00		CLAY		150 m.m. Dia SLOTTED Pipe 88.54 to 94.54 m
56.00		F. SAND + M. SAND		150 m.m. Dia BLIND Pipe 94.54 to 118.44 m
73.00		SANDY CLAY		150 m.m. Dia SLOTTED Pipe 118.44 to 127.50 m
81.00		F. SAND + M. SAND		150 m.m. Dia BLIND Pipe 127.50 to 139.60 m
96.00		SANDY CLAY		150 m.m. Dia SLOTTED Pipe 139.60 to 142.60 m
116.00		F. SAND		150 m.m. Dia BLIND Pipe 142.60 to 147.57 m
130.00		CLAY		150 m.m. Dia SLOTTED Pipe 147.57 to 153.57 m
138.00		F. SAND		150 m.m. Dia BLIND Pipe 153.57 to 157.57 m
144.00		CLAY + KANKAR		
146.00		F. SAND + M. SAND		
154.00		CLAY		
166.00				

Total Assembly 157.57 + AGL. 0.50 = 158.07 M.

ABSTRACT

- 1- Drilling Started 2.7.018
- 2- Drilling Completed/Lowering 25.8.018
- 3- Drilling Depth 166.00 m
- 4- Assembly Lowered 158.07 m
- 5- Housing Pipe 36.53 m
- 6- Blind Pipe 97.28 m
- 7- Slotted Pipe 24.06 m
- 8- Reducer 0.20 m

LOGGING REPORT

- 1. 41-45 M = 4 M.
- 2. 50-54 M = 4 M.
- 3. 56-60 M = 4 M.
- 4. 65-72 M = 7 M.
- 5. 75-80 M = 5 M.
- 6. 88-95 M = 7 M.
- 7. 117-130 M = 13 M.
- 8. 139-143 M = 4 M.
- 9. 147-154 M = 7 M.

(NANDUPRASAD) (BABBAN YADAV) (ADASHYERMA)  
 J.E. A.E. E.E.

YIELD TEST REPORT BY 250 P.S.I. COMPRESSOR

Date of Test 20.10.010 Static W/L 6.00 Taste of Water SWEET

DISCHARGE	ST.PR.	RU.PR.	DEPRE.	SAND CONTENTS					REMARKS	
INC. LP.M.	Kg/Cm <sup>2</sup>	Kg/Cm <sup>2</sup>	Kg.	Mtr.	Start	5 min	10 min	15 min	20 min	25 min
7.50	1246	9.60	9.80	0.60	6.00	3400	2400	2200	1000	800
8.00	1578	12.80	12.10	0.70	7.00	3600	2600	2400	1200	1000
8.50	1831	14.30	13.50	0.80	8.00	3800	2800	2600	1400	1200
9.00	2109	15.80	15.00	0.80	8.00	4000	3000	2800	1600	1400

NOTE:- RECOMMENDED FOR FURTHER DEVELOPMENT BY O.P. UNIT.  
 (NANDUPRASAD) (BABBAN YADAV) (ADASHYERMA)  
 J.E. A.E. E.E.

YIELD TEST REPORT BY O.P. UNIT

Date of Test 20.12.18 Static W/L 6.00 Taste of Water SWEET

DISCH.	R.W.L.	S.W.L.	DEPRE	SAND CONTENTS					REMARKS
LPM	M	M	M	Start	5 min	10 min	15 min	20 min	25 min
1000	11.20	6.00	5.20	200	100	50	TR.	CL.	
900	11.00	6.00	5.00	150	50	TR.	CL.	CL.	
800	10.60	6.00	4.60	100	50	TR.	CL.	CL.	
700	10.30	6.00	4.30	50	TR.	CL.	CL.	CL.	
600	10.10	6.00	4.10	TR.	CL.	CL.	CL.	CL.	

RECOMMENDED DISCHARGE 600 LPM AFTER 5 MIN. RUNNING BY PASS  
 (NANDUPRASAD) (BABBAN YADAV) (ADASHYERMA)  
 J.E. A.E. E.E.

## CHEMICAL TEST REPORT OF WATER SIMPLE

Tested Parameters	Unit of measurement	BIS:10500: 2012 Desirable Limit	BIS:10500: 2012 Permissible Limit	Test Method	Result
गंध		Agreeable	Agreeable		
आयरन	ppm	1.0	1.0	IS:3025 (Part 5)	Agreeable
नाइट्रेट	ppm	45	45	IS:3025 (Part 53)	0.06
आर्सेनिक	ppm	0.01	0.01	IS:3025 (Part 34)	0.97
फ्लोराईड	ppm	1	2	IS:3025 (Part 37)	0.0
क्लोराईड	ppm	250	1000	IS:3025 (Part 60)	0.735
टी0डी0एस0	ppm	500	2000	IS:3025 (Part 32)	14.20
ऐल्कनिटी	ppm	200	600	IS:3025 (Part 16)	244
अवशेष क्लोरीन	ppm	0.20	1.00	IS:3025 (Part 23)	105
सल्फेट	ppm	200	400	IS:3025 (Part 26)	6.0
पी.एच0	ppm	6.5-8.5	6.5-8.5	IS:3025 (Part 24)	6.53
गंदापन	NTU	1	5	IS:3025 (Part 11)	7.2
महत्वपूर्ण कठोरता	ppm	200	600	IS:3025 (Part 10)	1.07
				IS:3025 (Part 21)	185



J.E



A.E.

Executive Engineer